

[illegible]

1

441 GGC AGC GCC AGC CCG GGT CTG AGC AGC GTA TCC CCC AGC CAC CTC CTG CTG CTG CCC 486
 G S A S P G L S S V S P S H L L L L P
 450 459 468 477
 495 CCC GAC ACG GTG TCG CGG ACA GGC TTG GAG AAG GCG GCA GCG GGG GCA GTG GGT 540
 P D T V S R T G L E K A A A G A V G
 504 513 522 531
 549 CTC GAG AGA CCG GAC TGG AGT CCC AGT CCA CCC GCG ACC CCC GAG CAG GGC CTG 594
 L E R R D W S P S P P A T P E Q G L
 603 612 621 630 639 648
 TCC GCC TTC TAC CTC TCC TAC TTT GAC ATG CTG TAC CCT GAG GAC AGC AGC AGC TGG
 S A F Y L S Y F D M L Y P E D S S W
 657 666 675 684 693 702
 GCA GCC AAG GCC CCT GGG GCC AGC AGT CCG GAG GAG CCA CCT GAG GAG CCT GAG
 A A K A P G A S S R E E P P E P E
 711 720 729 738 747 756
 CAG TGC CCG GTC ATT GAC AGC CAA GCC CCA GCG GCG AGC CTG GAC TTG GTG CCC
 Q C P V I D S Q A P A G S L D L V P
 765 774 783 792 801 810
 GGC GGC CTG ACC TTG GAG GAG CAC TCG CTG GAG CAG GTG CAG TCC TCC ATG GTG GTG
 G G L T L E E H S L E Q Q S S M V V

FIGURE 1B

1197 1206 1215 1224 1233 1242
 TTC CTC AAG GAG TTG CTA CTC AAG CCC CAC AGC TAT GGC CGC TTC ATT AGG TGG
 F L K E L L L L K P H S Y G R F I R W

 1251 1260 1269 1278 1287 1296
 CTC AAC AAG GAG AAG GGC ATC TTC AAA ATT GAG GAC TCA GCC CAG GTG GCC CGG
 L N K E K G I F K I E D S A Q V A R

 1305 1314 1323 1332 1341 1350
 CTG TGG GGC ATC CGC AAG AAC AAG CGT CCC GCC ATG AAC TAC GAC AAG CTG AGC CGC
 L W G I R K N R P A M N Y D K L S R

 1359 1368 1377 1386 1395 1404
 TCC ATC CGC CAG TAT TAC AAG AAG GGC ATC ATC CGG AAG CCA GAC ATC TCC CAG
 S I R Q Y Y K K G I I R K P D I S Q

 1413 1422 1431 1440 1449 1458
 CGC CTC GTC TAC CAG TTC GTG CAC CCC ATC TGA GTG CCT GGC CCA GGG CCT GAA
 R L V Y Q F V H P I

 1467 1476 1485 1494 1503 1512
 ACC CGC CCT CAG GGG CCT CTC TCC TGC CTG CCC TGC CTC AGC CAG GCC CTG AGA

 1521 1530 1539 1548 1557 1566
 TGG GGG AAA ACG GGC AGT CTG CTC TGC TGC TCT GAC CTT CCA GAG CCC AAG GTC

FIGURE 1D

1575	1584	1593	1602	1611	1620
AGG GAG GGG CAA CCA ACT GCC CCA GGG GGA TAT GGG TCC TCT GGG GCC TTC GGG					
1629	1638	1647	1656	1665	1674
ACC CTG GGG CAG GGG TGC TTC CTC CTC AGG CCC AGC TGC TCC CCT GGA GGA CAG					
1683	1692	1701	1710	1719	1728
AGG GAG ACA GGG CTG CTC CCC AAC ACC TGC CTC TGA CCC CAG CAT TTC CAG AGC					
1737	1746	1755	1764	1773	1782
AGA GCC TAC AGA AGG GCA GTG ACT CGA CAA AGG CCA CAG GCA GTC CAG GCC TCT					
1791	1800	1809	1818	1827	1836
CTC TGC TCC ATC CCC CTG CCT CCC ATT CTG CAC CAC ACC TGG CAT GGT GCA GGG					
1845	1854	1863	1872	1881	1890
AGA CAT CTG CAC CCC TGA GTT GGG CAG CCA GGA GTG CCC CCG GGA ATG GAT AAT					
1899					
AAA GAT ACT AGG CGC 3'					

FIGURE 1E

249	I	H	L	W	Q	F	L	K	E	L	L	L	L	K	P	H	S	Y	G	R	F	I	R	W	L	N	K	E	K	G	I	1813005
26	I	H	L	W	Q	F	L	K	E	L	L	L	A	S	P	Q	V	N	G	T	A	I	R	W	I	D	R	S	K	G	I	GI 157196
339	R	L	L	W	D	Y	V	Y	Q	L	L	L	S	D	S	R	-	Y	E	N	F	I	R	W	E	D	K	E	S	K	I	GI 511283
279	F	K	I	E	D	S	A	Q	V	A	R	L	W	G	I	R	K	N	R	P	A	M	N	Y	D	K	L	S	R	S	1813005	
56	F	K	I	E	D	S	V	R	V	A	K	L	W	G	R	R	K	N	R	P	A	M	N	Y	D	K	L	S	R	S	GI 157196	
368	F	R	I	V	D	P	N	G	L	A	R	L	W	G	N	H	K	N	R	T	N	M	T	Y	E	K	M	S	R	A	GI 511283	
309	I	R	Q	Y	Y	K	K	G	I	I	R	K	P	D	I	S	Q	R	L	V	Y	Q	F	V								1813005
86	I	R	Q	Y	Y	K	K	G	I	M	K	K	T	E	R	S	Q	R	L	V	Y	Q	F	C								GI 157196
398	L	R	H	Y	Y	K	L	N	I	I	R	K	-	E	P	G	Q	R	L	L	F	R	F	M								GI 511283

FIGURE 2